



INVITATION FROM  
Nottingham  
Children's  
Hospital

31<sup>ST</sup> Paediatric  
Intensive Care Society  
**Annual Scientific Meeting**  
9<sup>th</sup> - 11<sup>th</sup> October 2017  
Nottingham, UK



## ANNOUNCEMENT

We are delighted to announce the forthcoming Nottingham 2017 PICS conference. We have designed a programme which is ambitious and far ranging, with something for everyone. Our programme gives excellent variety and options. This will be an international conference with numerous well known speakers from around the world. We will ensure that attendees will be stimulated and challenged.

We have designed a three day PICS programme, involving updates, debates, practice sessions, plenaries, short plenaries, breakfast sessions and free papers as oral and poster presentations.

Dr Patrick Davies, Chair Local Organising Committee  
Ms Carli Whittaker, Dr Dusan Raffaj  
Nottingham PICS 2017 Organising Committee



Introducing 'Robin' the lively emblem of the Nottingham Children's Hospital will be our motif for the conference and will contribute animated ideas on the website.

**PICSMEEETING.COM**

## PRE-CONFERENCE SESSIONS

### UPDATE SESSION

Cardiac arrest update  
Sepsis guideline updates  
Resuscitation guideline updates  
Update on current major studies  
New studies in the pipeline  
Prediction tools  
Current controversies

### SURVIVING PAEDIATRIC CRITICAL CARE: OPTIMISING REHABILITATION AND OUTCOMES OF CHILDREN AND THEIR FAMILIES

The lived-experiences of survival from patient perspective  
The lived experience of survival from a parent perspective  
Psychological rehabilitation of children and their parents from critical illness  
Supporting siblings post critical illness.  
Understanding and supporting the needs of children, parents and families long-term after their PICU experience  
Nutritional rehabilitation from PICU – optimising nutritional outcome after PICU  
AICU rehab - what PICU can learn from adults to optimize functional outcomes  
European guidelines on monitoring and supporting outcomes post PICU  
Applying the science: An inter-disciplinary approach to start examining this in across the UK

### THE USE OF ULTRASOUND ON THE PICU BY INTENSIVISTS

Principles  
The Lungs  
The Abdomen  
The Brain and Vessels  
Plus hands on practicals

## NETWORKING PROGRAMME

including the traditional welcome reception and the new not so traditional 'conference evening' at the Hockley Arts Club.  
Corporate Displays: Companies will be offering displays and encouraged to offer educational sessions.  
Visit: [www.picsmeetings.com](http://www.picsmeetings.com)  
E: [picuk@indexcommunications.com](mailto:picuk@indexcommunications.com)

## CONFERENCE TOPICS

Plenary: Sedation

### TRAUMA

Upcoming research: Rehabilitation after trauma: when and how?  
Physiology: The child with major trauma: physiological effect and response  
Future therapies: the military front line

### ONCOLOGY

Future therapies and research in oncology which intensivists need to know  
Safety: Anterior thoracic mass patient: approach and management  
Practice: Sepsis in the oncology patient  
Pharmacology: Chemotherapeutic agents: why are they so toxic?  
Practice: Management of the high leucocyte count patient

### RESPIRATORY

Debate: What is the optimal tidal volume?  
Upcoming research: PARDS strategies  
Future therapies in respiratory: machines, drugs, and toys  
Practice: The oxygen and CO2 sweet spots. Too much or too little?

### CARDIAC

Future therapies: Use of 3D modelling and printing to aid diagnosis and surgery  
Ethics: should cardiac support be offered if the transplant waiting list is long?  
Debate: Patient on oncological treatment should not be offered ECMO  
Pharmacology: PPHN management before ECMO: what works, and why?  
Physiology: left vs right: why ventricles are not both the same.

### RENAL

Practice: Optimising urea and ammonia clearance in metabolic disease  
Physiology: AKI: the cellular effects  
Safety: How small? How fast? The limits of CRRT  
Pharmacology: What happens to drugs during CRRT?

### BRAIN

Physiology: TBI and the response of the brain  
Debate: Antiepileptics in TBI: when to use?  
Upcoming research: refractory status epilepticus: how to manage?  
Practice: How long can my ICP be what? Latest evidence.  
Future therapies: State of the art brain monitoring: what does it mean and how do we use it?

### SEPSIS

Practice: Fluid choices in sepsis. Are albumin and saline outdated?  
Upcoming research: genomics and targeted therapies  
Debate: Plasmapheresis in sepsis: is it a therapy?  
Future therapies: Haemodynamics in septic shock: should it be standard monitoring?

Pharmacology: Inotropes: past, present, and future

### THE LONG AND MEDIUM TERM PATIENT

Ethics: who is a candidate for LTV?  
Practice: LTV pathways: getting quicker?  
Physiology: muscle de-recruitment after ventilation: how do we prevent this?  
Safety: VAP prevention: do bundles actually work?

## NOTTINGHAM great place & easy to get to...

Nottingham is famous for its history, arts, and sport. From our roots in Robin Hood to our Castle, and even the oldest pub in England, there is lots to see and do. Nottingham has the largest free modern art gallery in the UK outside of London, a concert arena, concert hall, theatres, and opera house. We boast internationally famous sports stadia in football, rowing, ice sports, and cricket. South Nottingham is in the top 10 places to live in the country.

Access to Nottingham and the venue by road, tram, rail and air is easy for delegates.

